

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY To: Miles, John S. 56 ERIC POTTER CLARKSON \_\_ NOTIFICATION OF TRANSMITTAL OF COMUS THE INTERNATIONAL PRELIMINARY Park View House PARTNER 58 The Ropewalk **EXAMINATION REPORT** Nottingham NG1 5DD 2 8 FEB 2001 (PCT Rule 71.1) GRANDE BRETAGNES Date of mailing ACTIONED BY: (day/month/year) 26.02.2001 Applicant's or agent's file reference IMPORTANT NOTIFICATION ICOW/P21725PC Priority date (day/month/year) International application No. International filing date (day/month/year) 15/10/1998 15/10/1999 PCT/GB99/03302 Applicant IMPERIAL COLLEGE INNOVATIONS LIMITED et al.

- 1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
- 2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
- Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

#### 4. REMINDER

From the

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The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/

European Patent Office D-80298 Munich

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Authorized officer

Exner, K

Tel +49 89 2399-7826



# PCT

REC'D **28 FEB 2031**WIPO PCT

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

• •	•	ent's file reference	FOR FURTHER ACTION	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)
ICOW/P				
Internation			International filing date (day/monti	
PCT/GB			15/10/1999	15/10/1998
Internation A61K31/		ent Classification (IPC) or	national classification and IPC	
Applicant	_			
IMPERIA	AL CO	OLLEGE INNOVATION	ONS LIMITED et al.	
			mination report has been prepared according to Article 36.	d by this International Preliminary Examining Authority
2. This	REPC	ORT consists of a total	of 7 sheets, including this cover s	heet.
b (:	een a see R	mended and are the b	pasis for this report and/or sheets of 607 of the Administrative Instructi	ne description, claims and/or drawings which have containing rectifications made before this Authority ons under the PCT).
	<u>-</u>			**************************************
3. This	eport	contains indications re	elating to the following items:	
1	$\boxtimes$	Basis of the report		
П		Priority		
111	$\boxtimes$	-	f opinion with regard to novelty, in	ventive step and industrial applicability
iV		Lack of unity of inver	ntion	
V	×		under Article 35(2) with regard to ations suporting such statement	novelty, inventive step or industrial applicability;
VI		Certain documents	cited	
VII		Certain defects in the	e international application	
VIII	×	Certain observations	on the international application	
Date of sub	missim	on of the demand	Date of	completion of this report
		>		•
10/05/20	00		26.02.2	001
		g address of the internation	onal Authoriz	zed officer
	Euro	pean Patent Office		_
<i>)</i> ))		)298 Munich +49 89 2399 - 0 Tx: 523(	Perez,	F \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	_	+49 89 2399 - 4465	· •	one No. +49 89 2399 7338



# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/GB99/03302

I.	Basi	s of	the	rer	ort

1.	res <sub>i</sub> the	oonse to an invitatio	rawn on the basis of (substitute sheets which have been furnished to the receiving Office in on under Article 14 are referred to in this report as "originally filed" and are not annexed to not contain amendments (Rules 70.16 and 70.17).):
	1-5	7	as originally filed
	Cla	ims, No.:	
	1-43	3	as originally filed
	Dra	wings, sheets:	
	1/5-	-5/5	as originally filed
2.			uage, all the elements marked above were available or furnished to this Authority in the nternational application was filed, unless otherwise indicated under this item.
	The	se elements were a	available or furnished to this Authority in the following language: , which is:
		the language of a	translation furnished for the purposes of the international search (under Rule 23.1(b)).
		the language of pu	blication of the international application (under Rule 48.3(b)).
		the language of a 55.2 and/or 55.3).	translation furnished for the purposes of international preliminary examination (under Rule
3.			leotide and/or amino acid sequence disclosed in the international application, the y examination was carried out on the basis of the sequence listing:
		contained in the in	ternational application in written form.
		filed together with	the international application in computer readable form.
		furnished subsequ	ently to this Authority in written form.
		furnished subsequ	ently to this Authority in computer readable form.
			t the subsequently furnished written sequence listing does not go beyond the disclosure in oplication as filed has been furnished.
		The statement that listing has been ful	t the information recorded in computer readable form is identical to the written sequence rnished.
4.	The	amendments have	resulted in the cancellation of:
		the description,	pages:
		the claims,	Nos.:

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/GB99/03302

		the drawings,	sheets:
5.			established as if (some of) the amendments had not been made, since they have been ond the disclosure as filed (Rule 70.2(c)):
		(Any replacement sh report.)	eet containing such amendments must be referred to under item 1 and annexed to th
6.	Add	litional observations, i	f necessary:
III.	Nor	n-establishment of o	pinion with regard to novelty, inventive step and industrial applicability
1.			e claimed invention appears to be novel, to involve an inventive step (to be non- ally applicable have not been examined in respect of:
		the entire internation	
	⊠	claims Nos. 1-43 (se	e details).
be	caus	e:	
	Ø		application, or the said claims Nos. 1-4, 29-31, 41 (IA) relate to the following subject require an international preliminary examination ( <i>specify</i> ):
	×	•	s or drawings ( <i>indicate particular elements below</i> ) or said claims Nos. 1-3, 29-36, r that no meaningful opinion could be formed ( <i>specify</i> ):
		the claims, or said cla	tims Nos. are so inadequately supported by the description that no meaningful opinio
		no international searc 37-40, 43 (completly)	th report has been established for the said claims Nos. 1-2, 29-36, 41-42 (in part), 5-2
2.	and/		preliminary examination report cannot be carried out due to the failure of the nucleotice listing to comply with the standard provided for in Annex C of the Administrative
		the written form has r	ot been furnished or does not comply with the standard.
		the computer readabl	e form has not been furnished or does not comply with the standard.
			der Article 35(2) with regard to novelty, inventive step or industrial applicability; ns supporting such statement

1. Statement

# INTERNATIONAL PRELIMINARY **EXAMINATION REPORT**

International application No. PCT/GB99/03302

Novelty (N)

Yes:

Claims 30, 34-36, 42

No:

Claims 1-4, 29, 31-33, 41

Inventive step (IS)

Yes:

Yes:

Claims 30, 34-36, 42

No: Claims

Industrial applicability (IA)

Claims 1-4, 29-31, 35-36, 41 (see separate sheet); 32-34, 42 YES

No: Claims

2. Citations and explanations see separate sheet

#### VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made: see separate sheet

# **EXAMINATION REPORT - SEPARATE SHEET**

#### Re Item I

#### Basis of the report

The attention of the applicant is drawn to the fact that this report is based, as requested in the Demand, on the international application documents as originally filed on 28 October, 1999. The amended version received with the letter dated 20 December, 1999 (rule 91 PCT) has not been taken into account.

#### Re Item III

Non-establishment of report with regard to novelty, inventive step and industrial applicability

Claims 1-4, 29-31, 41 relate to subject-matter considered by this Authority to be covered by the provisions of Rule 67.1(iv) PCT. Ageing is not considered a disease, nevertheless weight loss is a factor for increased mortality. Consequently, treating weight loss (independently of its origin) is considered as a method of treatment. Therefore claims 35-36 are considered to relate to subject-matter considered by this Authority to be covered by the provisions of Rule 67.1(iv) PCT. Consequently, no opinion will be formulated with respect to the industrial applicability of the subject-matter of these claims (Article 34.4(a)(i) PCT).

The international search report is restricted to claims 1-2, 29-36, 41-42 (in part) and 3-4 (complete). Claims 1-2, 29-36, 41-42 (in part) 5-28, 37-40, 43 (complete) were not searched for the reason given on PCT/ISA/210. Consequently, International Preliminary Examination will not be carried out in respect of the subject-matter which was not searched (Rule 66.1(e) PCT).

With regard to PCT/ISA/210, claims 1-3, 29-36, 41-42 relate to subject-matter considered by this Authority to be unclear and/or not sufficiently disclosed (Articles 5 and 6 PCT). Consequently, an opinion will be formulated only for searched subject-matter, namely subject-matter related to compounds explicitly mentioned in the examples and claim 4 (Article 34.4(a)(ii) PCT).

#### R Item V

Reas ned stat ment under Rule 66.2(a)(ii) with regard to nov lty, inv ntive step or

## industrial applicability; citations and explanations supporting such statement

#### Reference is made to the following documents:

D1: HUANG ZHENWEN, LIU RUIYUN ET AL. ZHONGHUA XINXUEGUANBING ZAZHI, (1996) VOL. 24, NO. 1, PP. 12-15.

D2: ANKER S D ET AL. CURRENT OPINION IN CARDIOLOGY, (1999 MAY) 14 (3) 211-6. REF: 62.

D3: JP 09 071586 A (YAMANOUCHI OHARM CO LTD), 1997

D4: LEZA J.C. ET AL. REVISTA DE FARMACOLOGIA CLINICA Y EXPERIMENTAL, (1987) 4/4 (377-383).

D5: GREENBAUM L M ET AL. CANCER RESEARCH, (1983 JUN) 43 (6) 2584-7.,1983.

D6: DANERYD P ET AL. CANCER RESEARCH, (1998 DEC 1) 58 (23) 5374-9.

D7: GORTER R. ONCOLOGY, CH, S. KARGER AG, BASEL, vol. 5, no. 9, 1 September 1991, pages 13-17.

D8: GAGNON B ET AL. DRUGS, (1998 MAY) 55 (5) 675-88. REF: 136.

D9: WO 96 24373 A (SEARLE & CO; MACLAUGHLAN TODD E (US); PEREZ ALFONSO T (US)) 15 August 1996.

D2 and D6 are P-documents. The priority of the present application has been found to be valid.

#### Novelty (Articles 33.1 and 33.2 PCT)

D1 discloses antialdosterone therapy for treating chronic congestive heart failure consisting in administering captopril alone or in combination with spironolactone, resulting in a reduction in excess weight loss. Therefore claims 1-4, 29, 31-33, 41 lack novelty. Claims 30, 34-36, 42 relate to the treatment of either idiotypic cachexia or weight loss due to ageing with one the compounds explicitly mentioned in the examples and claim 4. The use of antialdosterone therapy for the treatment of idiotypic cachexia or weight loss dueto ageing is not disclosed in the prior art, rendering claims 30, 34-36, 42 novel. It should also be noted that D3 discloses the use of antialdosterone therapy for the treatment of chronic heart failure and cirrhosis.

#### Inventive Step (Articles 33.1 and 33.3 PCT)

**EXAMINATION REPORT - SEPARATE SHEET** 

Whereas the use of the compounds explicitly mentioned in the examples and claim 4 for the treatment of weight loss due to chronic heart failure is known from D1, this document does not suggest that this treatment could be applied to any weight loss due to an underlying disease. Therefore, claims 30, 34-36, 42 can be regarded as inventive.

## Industrial applicability (Articles 33.1 and 33.4 PCT)

For the assessment of the present claims 1-4, 29-31, 35-36, 41 on the question whether they are industrially applicable, no unified criteria exist in the PCT Contracting States. The patentability can also be dependent upon the formulation of the claims. The EPO, for example, does not recognize as industrially applicable the subject-matter of claims to the use of a compound in medical treatment, but may allow, however, claims to a known compound for first use in medical treatment and the use of such a compound for the manufacture of a medicament for a new medical treatment.

#### Re Item VIII

## Certain observations on the international application

Claim 33 make reference to "an underlying disease" as defined in claim 28, but claim 28 does not further define this disease. Claim 33 was interpreted as making reference to claim 29.

# FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AL	Albania	ES	Spain	LS	Lesotho	SI	Slovenia
AM	Armenia	FI	Finland	LT	Lithuania	SK	Slovakia
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BJ	Benin	IE	Ireland	MN	Mongolia	UA	Ukraine
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DK	Denmark	LK	Sri Lanka	SE	Sweden		
EE	Estonia	LR	Liberia	SG	Singapore		
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From the INTERNATIONAL SEARCHING AUTHORITY	PCT
To: ERIC POTTER CLARKSON Attn. Miles, John S. Park View House 58 The Ropewalk Nottingham NG1 5DD UNITED KINGDOM	NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION  (PCT Rule 44.1)
	Date of mailing (day/month/year) 08/08/2000
Applicant's or agent's file reference ICOW/P21725PC	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No. PCT/GB 99/ 03302	International filing date (day/month/year) 15/10/1999
Applicant  IMPERIAL COLLEGE INNOVATIONS LIMITED et a	1.
1. X The applicant is hereby notified that the International Search Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims  When? The time limit for filing such amendments is normal International Search Report; however, for more det  Where? Directly to the International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Fascimile No.: (41-22) 740.14.35  For more detailed instructions, see the notes on the accordance of the applicant is hereby notified that no International Search Article 17(2)(a) to that effect is transmitted herewith.  3. With regard to the protest against payment of (an) addition	s of the International Application (see Rule 46):  ly 2 months from the date of transmittal of the ails, see the notes on the accompanying sheet.  Inpanying sheet.  Report will be established and that the declaration under that fee(s) under Rule 40.2, the applicant is notified that:
the protest together with the decision thereon has been applicant's request to forward the texts of both the protest; the applicant no decision has been made yet on the protest; the applicant is applicant.	
4. Further action(s): The applicant is reminded of the following:	
Shortly after 18 months from the priority date, the international ap If the applicant wishes to avoid or postpone publication, a notice priority claim, must reach the International Bureau as provided i completion of the technical preparations for international publica  Within 19 months from the priority date, a demand for international wishes to postpone the entry into the national phase until 30 mo	of withdrawal of the international application, or of the n Rules 90 <i>bis</i> .1 and 90 <i>bis</i> .3, respectively, before the tion.
Within 20 months from the priority date, the applicant must perfor before all designated Offices which have not been elected in the priority date or could not be elected because they are not bound	m the prescribed acts for entry into the national phase e demand or in a later election within 19 months from the
Name and mailing address of the International Searching Authority  European Patent Office, P.B. 5818 Patentlaan 2  NL-2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer  Mike Iverstam

# NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions, respectively.

# INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, international application) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only.

# What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

#### When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

## Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

#### How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

# What documents must/may accompany the amendments?

#### Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

## NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

# The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

- [Where originally there were 48 claims and after amendment of some claims there are 51]:
   "Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers;
   claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
- [Where originally there were 15 claims and after amendment of all claims there are 11]:
   "Claims 1 to 15 replaced by amended claims 1 to 11."
- 3. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:
  "Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or
  "Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
- 4. [Where various kinds of amendments are made]: "Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

#### "Statement under article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

## It must be in the language in which the international application is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

# Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments and any accompanying statement, under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the time of filing the amendments (and any statement) with the International Bureau, also file with the International Preliminary Examining Authority a copy of such amendments (and of any statement) and, where required, a translation of such amendments for the procedure before that Authority (see Rules 55.3(a) and 62.2, first sentence). For further information, see the Notes to the demand form (PCT/IPEA/401).

# Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see Volume II of the PCT Applicant's Guide.

# **PCT**

# INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER see Notification of (Form PCT/ISA/2)	Transmittal of International Search Report 20) as well as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/GB 99/03302	15/10/1999	15/10/1998
Applicant		<del></del>
IMPERIAL COLLEGE INNOVATION	ONS LIMITED et al.	
This International Search Report has bee according to Article 18. A copy is being tra	n prepared by this International Searching Auth ansmitted to the International Bureau.	ority and is transmitted to the applicant
This International Search Report consists  It is also accompanied by	of a total of 9 sheets. a copy of each prior art document cited in this	герогі.
1. Basis of the report		
<ul> <li>a. With regard to the language, the language in which it was filed, un</li> </ul>	international search was carried out on the bas less otherwise indicated under this item.	is of the international application in the
the international search w Authority (Rule 23.1(b)).	vas carried out on the basis of a translation of the	ne international application furnished to this
was carried out on the basis of th	e sequence listing :	ternational application, the international search
. —	onal application in written form.	<b>.</b>
	ernational application in computer readable form	п.
	o this Authority in written form.	
the statement that the su	o this Authority in computer readble form. bsequently furnished written sequence listing d	oes not go beyond the disclosure in the
	as filed has been furnished. ormation recorded in computer readable form is	s identical to the written sequence listing has been
furnished		
2. X Certain claims were for	ınd unsearchable (See Box I).	
3. X Unity of invention is lac	cking (see Box II).	
4. With regard to the title,		
X the text is approved as s	ubmitted by the applicant.	
the text has been establi	shed by this Authority to read as follows:	
5. With regard to the abstract,		
	ubmitted by the applicant.	
the text has been establi within one month from the	shed, according to Rule 38.2(b), by this Authori e date of mailing of this international search rep	ty as it appears in Box III. The applicant may, port, submit comments to this Authority.
6. The figure of the drawings to be put	olished with the abstract is Figure No.	
as suggested by the app	licant.	None of the figures.
because the applicant fa	iled to suggest a figure.	
because this figure bette	r characterizes the invention.	

3.7.1

Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This Inte	ernational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:  Although claims 1-4,29-30,35,36 are directed to a method of treatment of
2. X	the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.  Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such
	an extent that no meaningful International Search can be carried out, specifically:  see FURTHER INFORMATION sheet PCT/ISA/210
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This Inte	ernational Searching Authority found multiple inventions in this international application, as follows:
1.	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. X	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:  1-2,29-36,41-42 (partial) 3,4 (complete)
Remar	The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

1. Claims: 1-2, 29-36, 41-42 (partial), 3,4,(complete).

Use of a compound which inhibits the effect of aldosterone, in relation to the treatment and the prevention of weight loss due to an underlying disease or to aging.

2. Claims: 1-2, 29-36, 41-42 (partial), 5,6, (complete). (As far as not comprised in the previous invention).

Use of a chymase inhibitor in relation to the treatment and the prevention of weight loss due to an underlying disease or to aging.

3. Claims: 1-2, 29-36, 38, 41-42 (partial), 7, 8 (complete). (As far as not comprised in the previous inventions).

Use of a cathepsin inhibitor in relation to the treatment and the prevention of weight loss due to an underlying disease or to aging.

4. Claims: 1-2, 29-36, 38, 41-42 (partial), 9, 10 (complete). (As far as not comprised in the previous inventions).

Use of a beta receptor blocker in relation to the treatment and the prevention of weight loss due to an underlying disease or to aging.

. 5. Claims: 1-2, 29-36, 38, 41-42 (partial),
1112 (complete). (As far as not comprised in the previous inventions).

Use of an imidazoline receptor antagonist in relation to the treatment and the prevention of weight loss due to an underlying disease or to aging.

6. Claims: 1-2, 29-36, 38, 41-42 (partial),
1316 (complete). (As far as not comprised in the previous inventions).

Use of an alfa receptor agonist in relation to the treatment

#### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

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and the prevention of weight loss due to an underlying disease or to aging.

7. Claims: 1-2, 29-36, 38, 41-42 (partial),
1718 (complete). (As far as not comprised in the previous inventions).

Use of a ganglion blocking agent in relation to the treatment and the prevention of weight loss due to an underlying disease or to aging.

8. Claims: 1-2, 29-32, 34-36, 38, 41-42 (partial),
1921 (complete). (As far as not comprised in the previous inventions).

Use of a compound with an effect on cardiovascular reflexes and reducing SNS activity such an opiate, in relation to the treatment and the prevention of weight loss due to an underlying disease or to aging.

9. Claims: 1-2, 29-36, 38, 41-42 (partial),
22 (complete). (As far as not comprised in the pre
vious inventions).

Use of scopolamine in relation to the treatment and the prevention of weight loss due to an underlying disease or to aging.

10. Claims: 1-2, 29-36, 38, 41-42 (partial),
2324 (complete). (As far as not comprised in the previous inventions).

Use of an endothelin receptor antagonist in relation to the treatment and the prevention of weight loss due to an underlying disease or to aging.

11. Claims: 1-2, 29-36, 38, 41-42 (partial),
2526 (complete). (As far as not comprised in the previous inventions).

Use of a xanthine oxidase inhibitor in relation to the

# FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

treatment and the prevention of weight loss due to an underlying disease or to aging.

12. Claims: 1-2, 29-36, 38, 41-42 (partial),
27 (complete). (As far as not comprised in the pre
vious inventions).

Use of erythropoietin in relation to the treatment and the prevention of weight loss due to an underlying disease or to aging.

13. Claims: 28, 37 (complete).

Use of electrically stimulating impulses in relation to the treatment and the prevention of weight loss due to an underlying disease or to aging.

14. Claims: 38,39,40,43 (complete).

Use of an agent which reduces sympathetic nervous system activity in relation to a treatment for enhancing exercise performance in a healthy patient.

#### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

The wording "an agent which reduces sympathetic nervous system activity" is obscure and renders it difficult, if not impossible, to determine the matter for which protection is sought; for this reason, the present application fails to comply with the clarity and conciseness requirements of article 6 PCT.

Present claims 2-3,29-36,41,42 relate to compounds defined by reference to a pharmacological mechanism of action "compound which inhibits the effect of aldosterone" and "an aldosterone inhibitor". The definition of compounds by reference to a pharmacological mechanism in the present context is considered to lead to a lack of clarity within the meaning of Article 6 PCT. It is impossible to fully compare the parameters the applicant has chosen to employ with what is set out in the prior art. Present claim 1-4,29-36,41,42 relate to an extremely large number of possible compounds. Support within the meaning of Article 6 PCT and/or disclosure within the meaning of Article 5 PCT is to be found, however, for only a very small proportion of the compounds claimed. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Consequently, the search for the first invention has been carried out for those parts of the claims which appear to be clear, concise, supported and disclosed, namely for the compounds explicitly mentioned in the examples and in claim 4, with due regard to the general idea underlying the application.

Claim 33 probably should be dependent from claim 29.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61K31/165 A61K31/4178 A61K31/403 A61K31/585 A61K38/55

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7-A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

ttegory * Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
DATABASE BIOSIS 'Online! BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US AN=1996:426185, HUANG ZHENWEN, LIU RUIYUN ET AL: "Antialdosterone therapy in severe chronic congestive heart failure." retrieved from STN XP002137362 abstract & ZHONGHUA XINXUEGUANBING ZAZHI, (1996) VOL. 24, NO. 1, PP. 12-15.,	1-4,29, 31,32, 36,41

*A* document defining the general state of the art which is not considered to be of particular relevance  *E* earlier document but published on or after the international filing date  *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  *O* document referring to an oral disclosure, use, exhibition or other means  *P* document published prior to the international filing date but	<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> </ul>
later than the priority date claimed  Date of the actual completion of the international search	"&" document member of the same patent family  Date of mailing of the international search report
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Name and mailing address of the ISA	Authorized afficer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.	Veronese. A

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